LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055456.D
Acq On : 4 Nov 2022 16:20
Operator : CG/JU
Sample : N5306-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.274	333	338	350	rBV	21986	35517	1.81%	0.438%
2	5.756	414	420	437	rVB	193741	343191	17.48%	4.236%
3	7.383	690	697	710	rBV	154424	282968	14.41%	3.493%
4	8.229	835	841	855	rBV	83614	150464	7.66%	1.857%
5	9.410	1033	1042	1063	rVB	244227	448915	22.87%	5.541%
6	10.808	1274	1280	1294	rBV	43168	88759	4.52%	1.096%
7	11.061	1316	1323	1332	rBV	124460	216380	11.02%	2.671%
8	13.476	1727	1734	1743	rBV	791461	1191450	60.69%	14.707%
9	14.851	1958	1968	1977	rBV	209018	336823	17.16%	4.158%
10	16.331	2214	2220	2234	rBV	659818	1013639	51.63%	12.512%
11	17.583	2427	2433	2445	rVB	313671	455406	23.20%	5.621%
12	18.206	2535	2539	2546	rBV3	24956	36077	1.84%	0.445%
13	18.435	2573	2578	2587	rBV2	33332	57290	2.92%	0.707%
14	19.363	2732	2736	2743	rVB2	30525	38668	1.97%	0.477%
15	20.156	2865	2871	2877	rBV	1525710	1963173	100.00%	24.233%
16	21.461	3086	3093	3107	rBV6	28672	110134	5.61%	1.359%
17	21.854	3154	3160	3167	rBV	330695	538645	27.44%	6.649%
18	23.546	3441	3448	3456	rBV	109802	217226	11.07%	2.681%
19	25.227	3724	3734	3749	rVB	192248	576626	29.37%	7.118%

Sum of corrected areas: 8101351

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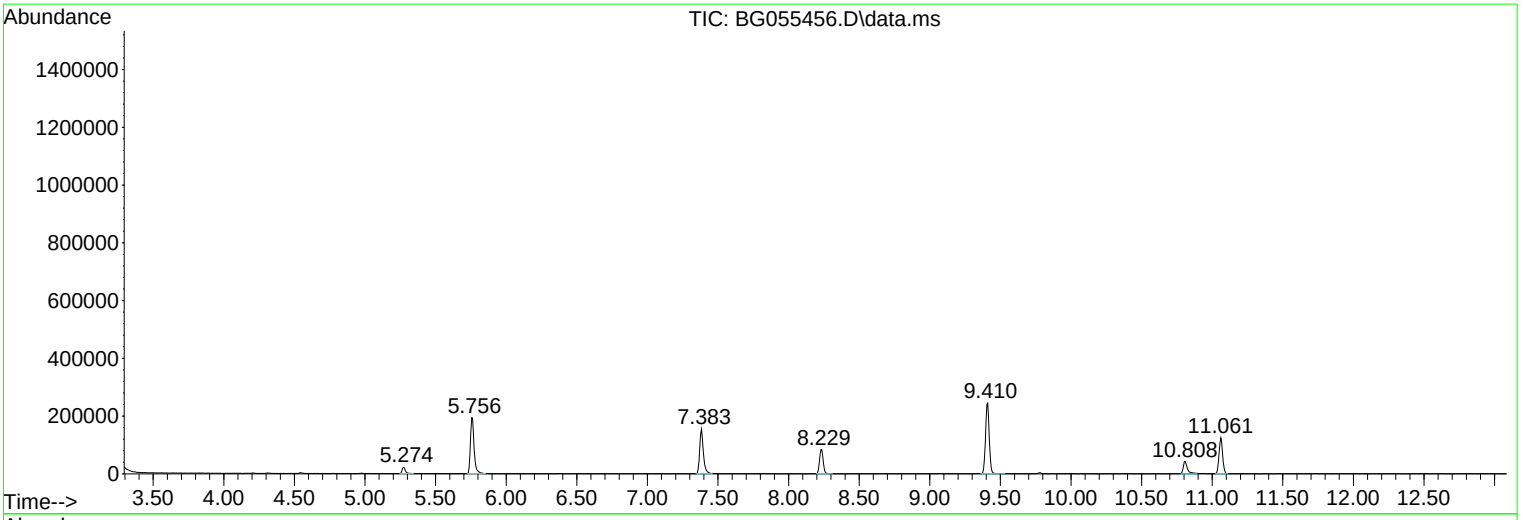
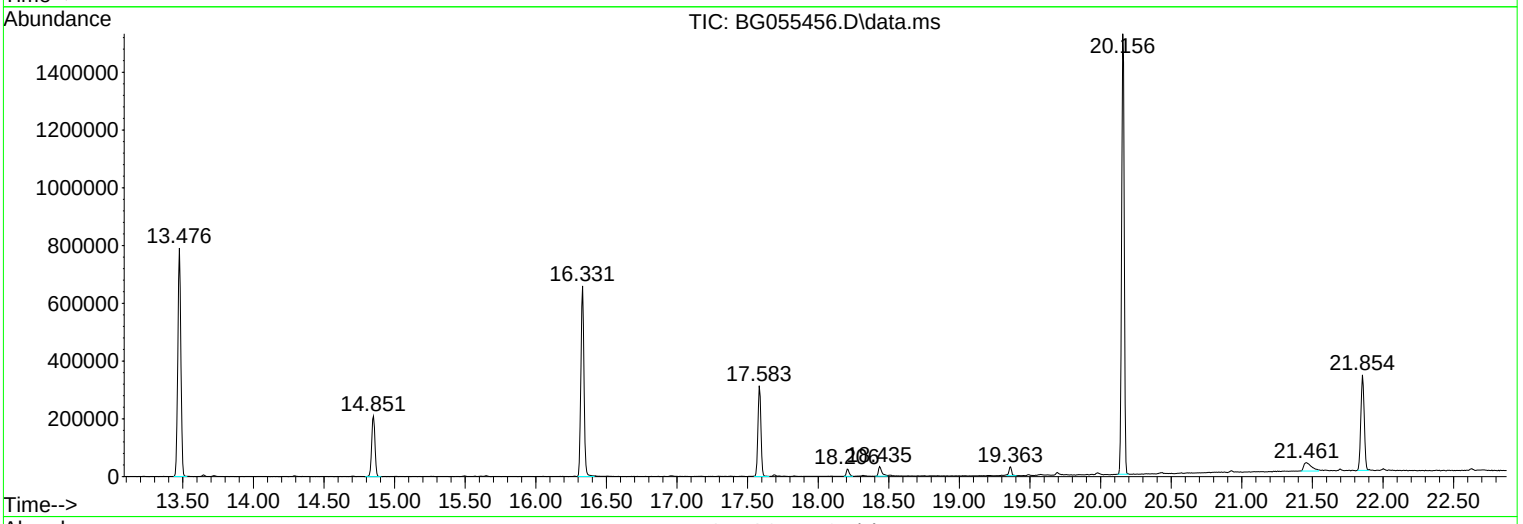
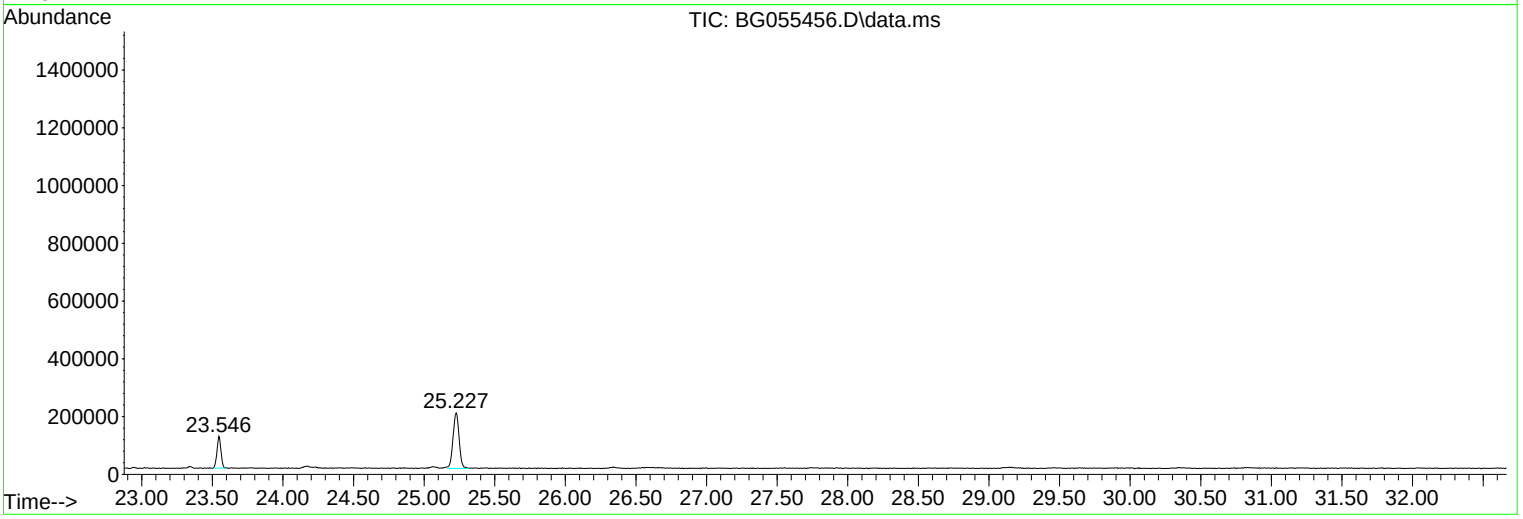
BNA_G
ClientSampleId :
DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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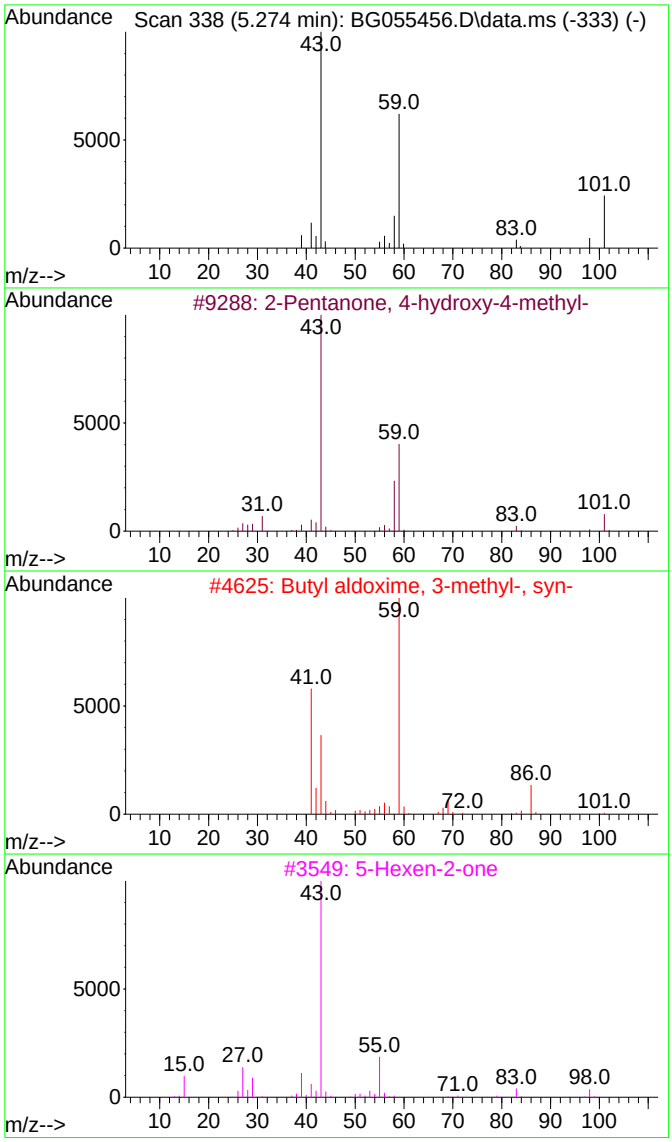
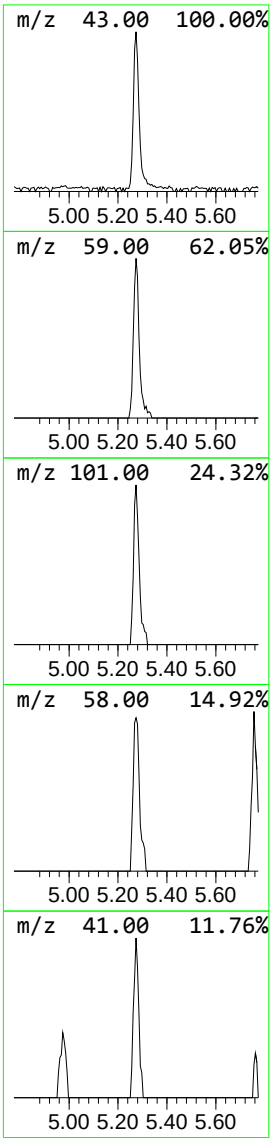
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.274	4.72 ng	35517	1,4-Dichlorobenzene-d4	8.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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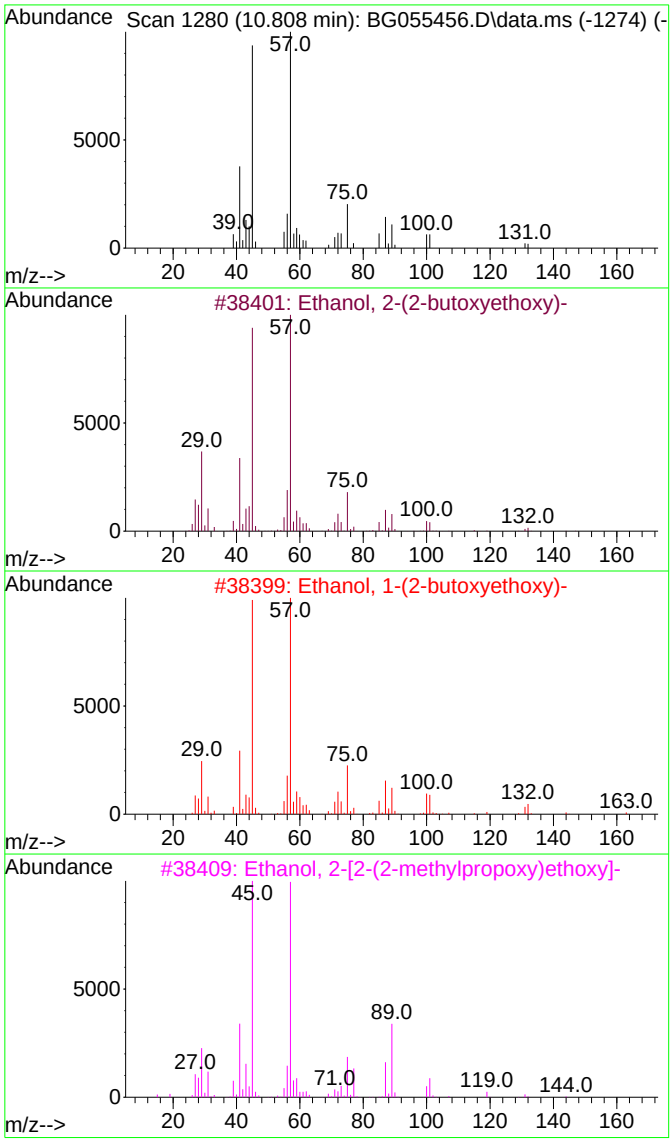
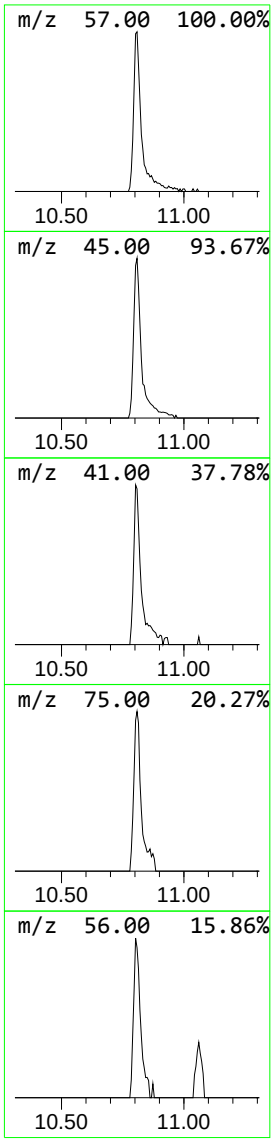
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.808	8.20 ng	88759	Naphthalene-d8	11.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	50





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BNA_G
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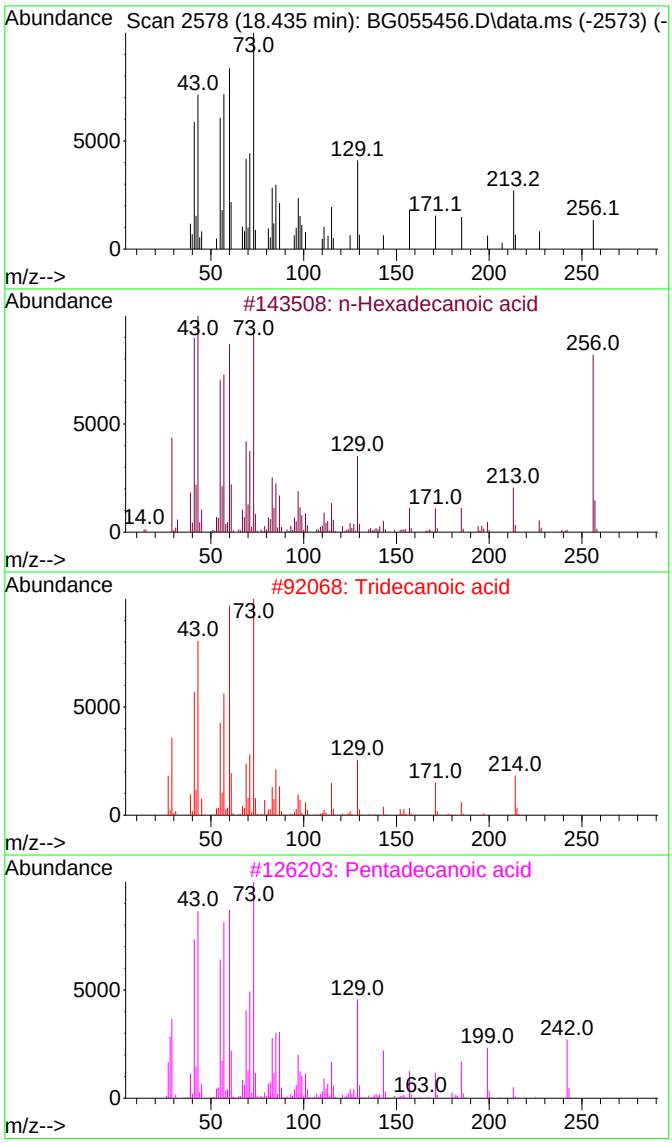
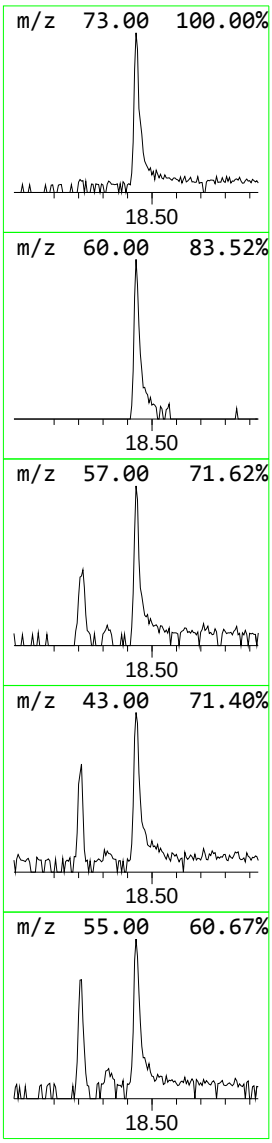
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.435	2.52 ng	57290	Phenanthrene-d10	17.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	14





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
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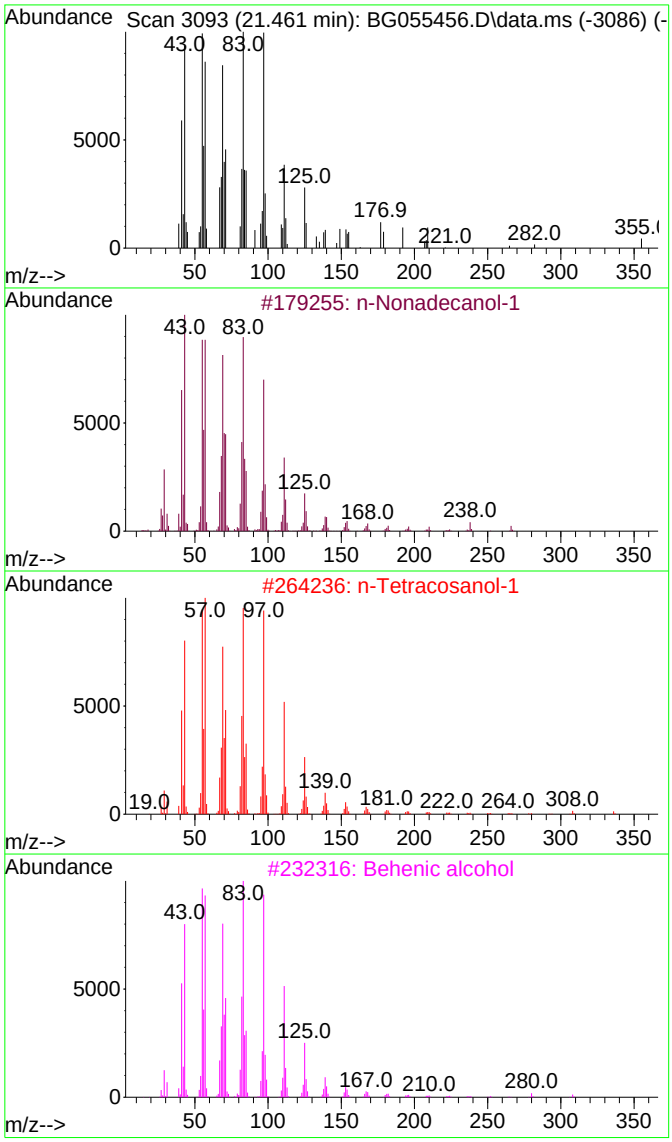
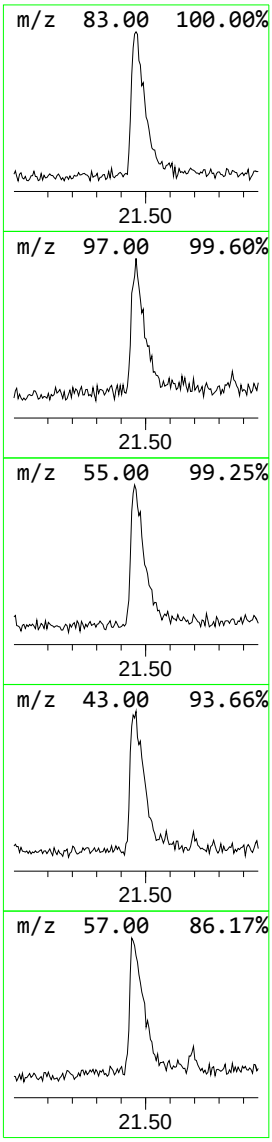
****

Peak Number 4 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.461	4.09 ng	110134	Chrysene-d12	21.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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ALS Vial : 8 Sample Multiplier: 1

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BNA_G
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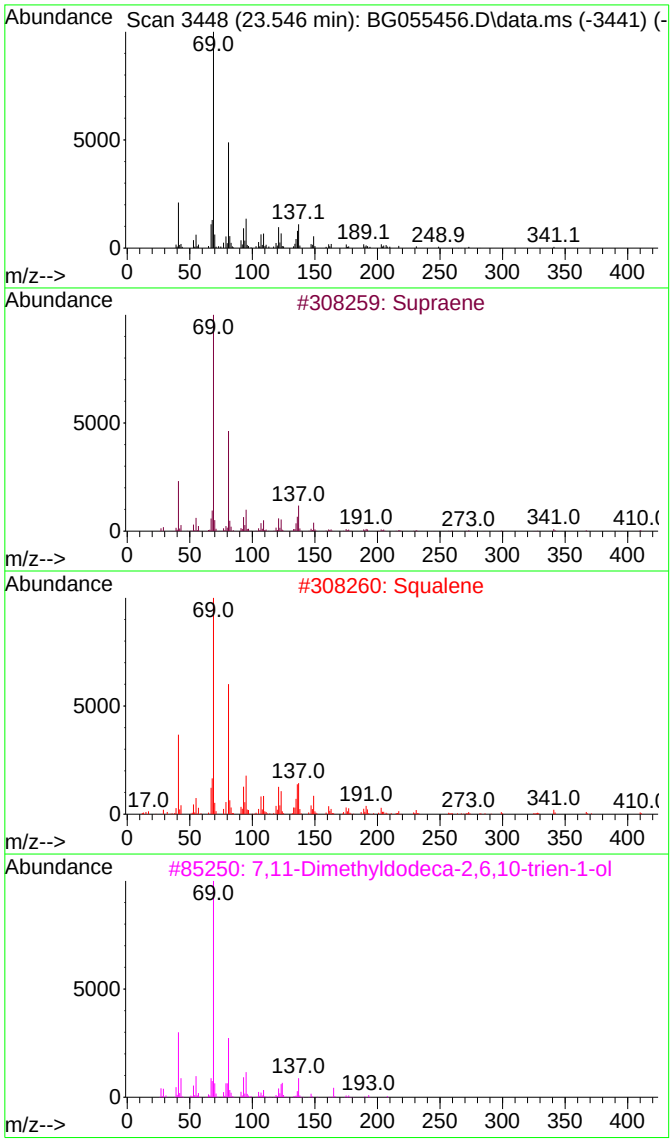
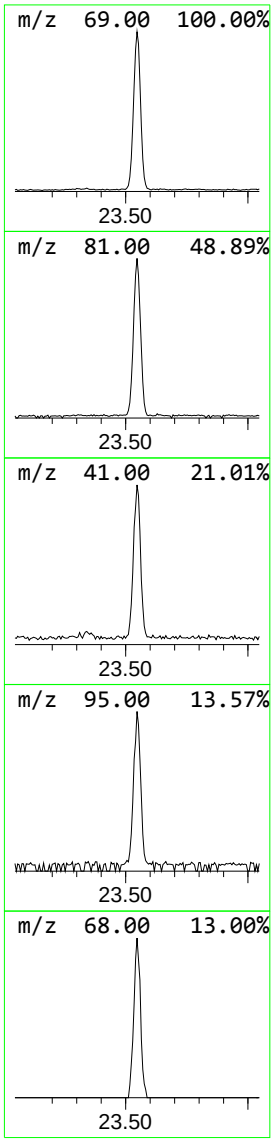
****

Peak Number 5 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.546	7.53 ng	217226	Perylene-d12	25.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	78





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.274	4.7	ng	35517	1	8.235	150464	20.0
Ethanol, 2-(2-b...	10.808	8.2	ng	88759	2	11.061	216380	20.0
n-Hexadecanoic ...	18.435	2.5	ng	57290	4	17.583	455406	20.0
n-Nonadecanol-1	21.461	4.1	ng	110134	5	21.854	538645	20.0
Supraene	23.546	7.5	ng	217226	6	25.227	576626	20.0